SunLong Biotech Co.,LTD
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Recombinant Zona Pellucida Glycoprotein 1, Sperm Receptor (ZP1)

Catalog Number: SIPF520Mu01 **Spec: 100ug**

Product Name	Recombinant Zona Pellucida Glycoprotein 1, Sperm Receptor (ZP1)
Catalog Number	SIPF520Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	His24~Pro261
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Secreted, Extracellular matrix
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.3
Predicted Molecular Mass	50.2kDa
Accurate Molecular Mass	50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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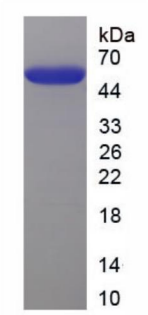
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

HLEPGFE YSYDCGVRGM QLLVFPRPNQ TVQFKVLDEF GNRFEVNNCS ICYHWVTSEA QEHTVFSADY KGCHVLEKDG RFHLRVFIQA VLPNGRVDIA QDVTLICPKP DHTVTPDPYL APPTTPEPFT PHAFALHPIP DHTLAGSGHT GLTTLYPEQS FIHPTPAPPS LGPGPAGSTV PHSQWGTLEP WELTELDSVG THLPQERCQV ASGHIPCMVN GSSKETCQQA GCCYDSTKEE P

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.